

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Sajjad Quabili

GENERAL INFORMATION:

Name: Mouser Custom Cabinetry
Address: 2112 N. Hwy 31 W., Elizabethtown, KY 42702
Date application received: 11/11/2002
SIC/Source description: 2431
AFS # 21-093-00043
Application log number: 54976
Permit number: V-05-008

APPLICATION TYPE/PERMIT ACTIVITY:

- | | |
|--|---|
| <input type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input type="checkbox"/> Permit modification | <input type="checkbox"/> Conditional major |
| __Administrative | <input checked="" type="checkbox"/> Title V |
| __Minor | <input checked="" type="checkbox"/> Synthetic minor |
| __Significant | <input checked="" type="checkbox"/> Operating |
| <input checked="" type="checkbox"/> Permit renewal | <input type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

- | | |
|--|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

- | | | |
|------------------------------|---|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input checked="" type="checkbox"/> NESHAPS | <input type="checkbox"/> Other |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM	5.349	27.52
SO ₂	0.0027	0.09
Nox	0.48	14.47
CO	.105	12.16
VOC	105.179	225*
HAPs (worst case)		
Methylisobutylketone	9.91	17.73
Toluene	35.745	56.05
Xylene	33.612	54.75
Methyl ethyl Ketone	8.107	14.052
Formaldehyde	0.494	2.73
Methanol	30.0569	35.573
Trimethylbenzene	1.985	2.79
Ethyl benzene	0.204	2.21

* Plant wide emission cap for VOC emission is less than 225 tons/year

Source Process Description:

Mouser Custom Cabinetry operates a wood furniture manufacturing plant at Elizabethtown. The source applied for the renewal of their Title V/Synthetic Minor permit. The facility is a major source for VOC and HAP emissions.

APPLICABLE REGULATIONS:

The facility is subject to the following regulations for their wood furniture manufacturing operations:

A. 40 CFR 63 Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations, applicable to an affected facility that is engaged, either in part or in whole, in the manufacture of wood furniture components and that is located at a plant site that is a major source as defined in 40 CFR part 63.2 (Compliance date: December 7, 1998).

B. 401 KAR 59:010, New process Operations, applicable to each affected facility or source, associated with a process operation, which is not subject to another emission standard with respect to particulate, commenced on or after July 2, 1975.

C. 401KAR 50:012 Section 1(2) General Application of Administrative Regulations and Standards. In the absence of a standard specified in 401 KAR 50 to 65, administrative regulations, all major air contaminant sources shall as a minimum apply control procedures that are reasonable, available, and practical.

D. 401 KAR 63:020; Potentially hazardous matter or toxic substances, applicable to each affected facility (s) which emits or may emit potentially hazardous matter or toxic substances.

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